

Title (en)
Horizontal modular reactor

Title (de)
Aus Modulen bestehender horizontaler Reaktor

Title (fr)
Réacteur modulaire horizontal

Publication
EP 1095697 B1 20040407 (EN)

Application
EP 00123037 A 20001024

Priority
IT MI992245 A 19991028

Abstract (en)
[origin: EP1095697A1] 1. Horizontal modular reactor for reactions which develop in triphasic systems which comprises: a) a horizontal cylindrical body subdivided into at least two modules by at least one vertical baffle; b) at least one heat exchanger in at least one module; c) a gas distributor for each module, situated below the heat exchanger and positioned in the lower zone of the module; d) a pair of outlets for each module for discharging the gas and the reaction liquid. <IMAGE>

IPC 1-7
B01J 8/04; B01J 8/22; C10G 2/00

IPC 8 full level
B01J 8/22 (2006.01); **C10G 2/00** (2006.01)

CPC (source: EP)
B01J 8/22 (2013.01); **C10G 2/34** (2013.01); **B01J 2208/00061** (2013.01); **B01J 2208/00132** (2013.01); **B01J 2208/00141** (2013.01); **B01J 2208/025** (2013.01); **B01J 2219/0002** (2013.01); **B01J 2219/00768** (2013.01); **B01J 2219/182** (2013.01)

Cited by
EP2742994A1; US2013084223A1; US8894939B2; WO202076601A1; WO2011100830A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1095697 A1 20010502; **EP 1095697 B1 20040407**; AT E263622 T1 20040415; DE 60009631 D1 20040513; DE 60009631 T2 20050331; DK 1095697 T3 20040816; ES 2216797 T3 20041101; IT 1313830 B1 20020923; IT MI992245 A0 19991028; IT MI992245 A1 20010428; PT 1095697 E 20040730

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EP 00123037 A 20001024; AT 00123037 T 20001024; DE 60009631 T 20001024; DK 00123037 T 20001024; ES 00123037 T 20001024; IT MI992245 A 19991028; PT 00123037 T 20001024